

INTERNATIONAL SEARCH REPORT

In — — — — — Application No

PCT/IB 03/05608

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 855 639 A (PACIFIC COMM SCIENCES INC) 29 July 1998 (1998-07-29) page 2, line 55 – page 3, line 22; figure 2 -----	1-21
X	"CLOCK CONTROL CIRCUIT FOR SAVING A POWER" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 37, no. 2A, 1 February 1994 (1994-02-01), page 395, XP000433374 ISSN: 0018-8689 the whole document ----- -/-	1-21

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

4 October 2004

Date of mailing of the international search report

12/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Mouton, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05608

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0124, no. 52 (E-687), 28 November 1988 (1988-11-28) -& JP 63 178620 A (NEC CORP), 22 July 1988 (1988-07-22) abstract -----	1-21
X	US 5 452 401 A (LIN CHONG M) 19 September 1995 (1995-09-19) column 9, line 57 - column 12, line 7; figures 1,2,4,5 -----	1-21
X	US 2002/108063 A1 (KURDAHI FADI ET AL) 8 August 2002 (2002-08-08) paragraphs '0016!, '0017!; figure 2 -----	1-21
A	US 5 996 083 A (GUPTA RAJIV ET AL) 30 November 1999 (1999-11-30) column 8, line 48 - line 67; figure 8 -----	1,15

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/05608

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0855639	A	29-07-1998	US 5834961 A EP 0855639 A1 JP 10340129 A	10-11-1998 29-07-1998 22-12-1998
JP 63178620	A	22-07-1988	NONE	
US 5452401	A	19-09-1995	DE 69320180 D1 DE 69320180 T2 EP 0634030 A1 HK 1014785 A1 WO 9320498 A1 JP 3510884 B2 JP 7505244 T JP 2003141098 A JP 2003122582 A JP 2003141099 A JP 3487349 B2 JP 2003122445 A JP 3520922 B2 JP 2003114731 A JP 2003208237 A JP 2004054943 A JP 2004054944 A JP 2004054945 A US 6256743 B1 US 2002184548 A1 US 2003196128 A1 US 2003196129 A1 US 5655124 A US 5787297 A US 2002013912 A1	10-09-1998 10-12-1998 18-01-1995 14-07-2000 14-10-1993 29-03-2004 08-06-1995 16-05-2003 25-04-2003 16-05-2003 19-01-2004 25-04-2003 19-04-2004 18-04-2003 25-07-2003 19-02-2004 19-02-2004 19-02-2004 03-07-2001 05-12-2002 16-10-2003 16-10-2003 05-08-1997 28-07-1998 31-01-2002
US 2002108063	A1	08-08-2002	NONE	
US 5996083	A	30-11-1999	JP 9062418 A	07-03-1997